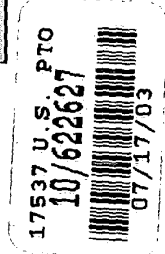


UTILITY PATENT APPLICATION TRANSMITTAL (New Nonprovisional Application Under 37 CFR § 1.53(b))	Attorney Docket No. RA-307
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TO THE COMMISSIONER FOR PATENTS:

Attached for filing is a patent application identified as follows:

Inventors: Green et al.
Assignee: Rambus, Inc.
Title: "PLL Lock Detection Circuit Using Edge Detection"

- (X) Original Patent Application;
() Continuing Application (prior applications not abandoned):
() Continuation () Divisional () Continuation-in-part (CIP) of;
() The specification contains a statement claiming the benefit of 35 USC § 119(e);

and including attachments as noted below:

- | | |
|--|---|
| x This transmittal letter (in duplicate) | 3 Pages Assignment (other inventors) |
| 3 Pages Application Data Sheet | 1 Page Recordation Cover Sheet |
| 16 Pages of Specification | 1 Page of form PTO-1449 citing 4 references |
| 5 Pages of Claims (including 21 numbered claims) | x 1 copy of each of the 4 cited references on form PTO-1449 |
| 1 Page Abstract | x A check for filing fee (\$976.00) |
| 8 Pages of Drawings (formal) | x A return-receipt postcard |
| 3 Pages Declaration/Power of Attorney (Green) | |
| 3 Pages Declaration/PoA (other inventors) | |
| 3 Pages Assignment (signed by Green) | |

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	21	1	\$18.00	\$18.00
Independent Claims	5	2	\$84.00	\$168.00
Multiple Dependent Claims (if applicable)				
Assignment Recording Fee (if applicable)				\$40.00
Basic Filing Fee				\$750.00
Total Filing Fee				\$976.00

I hereby certify that this is being deposited with the U.S. Postal Service as "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Mail Stop Patent Application
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P.O. Box 1450
Alexandria, VA 22313-1450

By:
Typed Name: Arthur J. Behiel

Express Mail Label No.: EK 916849871 US

Date of Deposit: July 17, 2003

Respectfully submitted,

By:
Arthur J. Behiel, Attorney for Applicants
Reg. No. 39,603

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